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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/760,210	01/21/2004	Kia Silverbrook	RRA02US	1354

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SILVERBROOK RESEARCH PTY LTD
393 DARLING STREET
BALMAIN, 2041
AUSTRALIA

EXAMINER	
GOLDBERG, BRIAN J	
ART UNIT	**PAPER NUMBER**
2861	

MAIL DATE	DELIVERY MODE
02/07/2008	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/760,210	SILVERBROOK, KIA	
	Examiner	Art Unit	
	Brian J. Goldberg	2861	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *09 January 2008*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-7* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-7* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *27 June 2005* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 12/19/07 has been entered.

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

2. Claims 1-4 are rejected under 35 U.S.C. 103(a) as being unpatentable over Pawlowski, Jr. et al. (US 5852459) in view of Silverbrook (US 6824242) and further in view of *In re Dulberg*, 289 F.2d 522, 523, 129 USPQ 348, 349 (CCPA 1961).

3. Regarding claim 1, Pawlowski, Jr. et al. disclose "providing the inkjet printer in at least first (18 of Fig 1A) and second (16 of Fig 1A) portions detachable from each other in a single operation of a latch (col 6 ln 48-53)." Thus Pawlowski, Jr. et al. meet the claimed invention except "wherein the first portion includes the pagewidth printhead and a capper for the printhead, the capper being configured to cap the pagewidth printhead and removably engage with a capping mechanism of the second portion during

attachment of the first and second portions and to uncap the pagewidth printhead upon operation of the capping mechanism of the second portion."

4. Silverbrook teaches "wherein the first portion includes the pagewidth printhead (col 2 ln 31) and a capper for the printhead (col 8 ln 36-49), the capper being configured to cap the pagewidth printhead and...a capping mechanism of the second portion (17 of Fig 3) during attachment of the first and second portions and to uncap the pagewidth printhead upon operation of a capping mechanism of the second portion.(col 9 ln 13-19 and see Figs. 21-24)." It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to provide a pagewidth printhead and a capper for the printhead as taught by Silverbrook as part of the first portion shown in Pawlowski, Jr. et al., with a capping mechanism as part of the second portion, to achieve the predictable results of protecting the printhead and reducing the drying of ink on the nozzle while the printer is not in use, as stated by Silverbrook.

5. Furthermore, *In re Dulberg* teaches that it would be obvious to make the capper and capping mechanism separable, so that the capper removably engages with the capping mechanism, to achieve the predictable results of enabling the main motor to also control the capper to cap the printhead to protect the printhead and reduce drying of ink on the nozzle while the printer is not in use. For example, the first portion could be what is shown in figures 21 and 22 of Silverbrook, while the second portion is the remainder of the printing mechanism, including the case and motor as seen in figures 1, 2, and 3.

6. Regarding claim 2, Pawlowski, Jr. et al. further disclose "wherein the first portion (18) further includes a printing fluid storage for storing printing fluids (col 4 ln 61-63, col 5 ln 4-5)."

7. Regarding claim 3, Pawlowski, Jr. et al. further disclose "wherein the first portion (18 of Fig 1A or 50 of Fig 3B) is a printer cartridge removably received within said second portion (col 4 ln 38-40 and Fig 3B)."

8. Regarding claim 4, Pawlowski, Jr. et al. further disclose "wherein said second portion (16 of Fig 1A or 48 of Fig 3) is a printer cradle unit having a cavity adapted to receive said printer cartridge (col 6 ln 26-28 and Fig 3A)."

9. Claim 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over Pawlowski, Jr. et al. in view of Silverbrook and further in view of Waller et al. (US 6250738).

10. Pawlowski, Jr. et al. in view of Silverbrook disclose the claimed invention as set forth above regarding claim 4. Thus Pawlowski, Jr. et al. in view of Silverbrook meet the claimed invention except "wherein the printer cradle unit includes an electrical control unit."

11. Waller et al. teach providing "an electrical control unit (22 of Fig 1)." It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to provide an electrical control unit. One would have been motivated to so modify Pawlowski, Jr. et al. in view of Silverbrook for the benefit of maintaining control over the operation of the device internally and integrally as part of the cradle unit by

receiving data to be printed, storing it in memory, and provide timing control, as set forth by Waller et al. in column 4, lines 51-59.

12. Claims 6 and 7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Pawlowski, Jr. et al. in view of Silverbrook and Waller et al. and further in view of Silverbrook et al. (US 6439908).

13. Regarding claim 6, Pawlowski, Jr. et al. in view of Silverbrook and Waller et al. disclose the claimed invention as set forth above regarding claim 5. Thus Pawlowski, Jr. et al. in view of Silverbrook and Waller et al. meet the claimed invention except "wherein the printer cradle unit includes power and data connectors to mate with corresponding data and power connectors provided on said printer cartridge to facilitate operational control of said printer cartridge."

14. Silverbrook et al. teaches "wherein the printer cradle unit includes power and data connectors (56 of Fig 14) to mate with corresponding data and power connectors (48 of Fig 8) provided on said printer cartridge to facilitate operational control of said printer cartridge (col 3 ln 59-64)." It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to provide power and data connectors. One would have been motivated to so modify Pawlowski, Jr. et al. in view of Silverbrook and Waller et al. for the benefit of maintaining electrical contact and getting data and power to the printhead as stated by Silverbrook et al.

15. Regarding claim 7, Waller et al. further teach providing "a print media handling system (18 of Fig 1)." It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to include a print media handling system. One

would have been motivated to so modify Pawlowski, Jr. et al. in view of Silverbrook and Silverbrook et al. for the benefit of providing the capability of moving the media sheet into the print zone, as stated by Waller et al. in column 4, lines 37-38.

Response to Arguments

16. Applicant's arguments with respect to claims 1-7 have been considered but are moot in view of the new ground(s) of rejection.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian J. Goldberg whose telephone number is (571)272-2728. The examiner can normally be reached on Monday through Friday, 9AM-5PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew Luu can be reached on 571-272-7663. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Brian J Goldberg BG
Examiner
Art Unit 2861

MATTHEW LUU
SUPERVISORY PATENT EXAMINER